



[VLSI chip set for floating point vector processing - Euro ASIC '91](#)

Chip Set for Floating Point Vector Processing ..... 1.2pm CMOS process, ... Efficient Methodologies for the Physical De-sign of MOS-VLSI Circuits, ...

[ieeexplore.ieee.org/iel2/354/5560/00212875.pdf?arnumber=212875](http://ieeexplore.ieee.org/iel2/354/5560/00212875.pdf?arnumber=212875) - Similar pages  
by A Laudenbach - 1991 - Cited by 1 - Related articles

[Evaluation of Pseudo Vector Processor based on Slide-Windowed ...](#)

We present a new scalar processor for high speed vector processing and its ... by introducing slide windowed floating point registers with data preloading ... Our previous evaluation[9] revealed that if 128 physical registers are ...  
[citeSeer.ist.psu.edu/nakamura94evaluation.html](#) - 29k - Cached - Similar pages  
by H Nakamura - 1994 - Cited by 5 - Related articles - All 4 versions

[Lets Get Physical: Inside The PhysX Physics Processor Part 2 ...](#)

For example, data could be written to one of the Vector Processing Elements while other data is being read in from external memory. The Floating Point ...  
[www.blachford.info/computer/articles/PhysX2.html](http://www.blachford.info/computer/articles/PhysX2.html) - 28k - Cached - Similar pages

[Cell \(microprocessor\) - Wikipedia, the free encyclopedia](#)

as well as physical simulation (e.g., scientific and structural engineering modeling), .... However, comparing only floating point abilities of a system is a ... by the Playstation 3 has a main CPU and 6 floating-point vector processors, ... This provides a flexible and powerful architecture for stream processing, ...  
[en.wikipedia.org/wiki/Cell\\_\(microprocessor\)](http://en.wikipedia.org/wiki/Cell_(microprocessor)) - 169k - Cached - Similar pages

[Integrated scalar and vector processors with vector addressing by ...](#)

A data processing system as claimed in claim 1 wherein the physical addresses ... or register bypass708/520, Matrix array712/222Floating point or vector ...  
<https://www.patentstorm.us/patents/5123095/claims.html> - Similar pages

[Vector Processing Futures](#)

The advent of genuine vector processing engines in low cost COTS processors ... The simplest physical interpretation of a vector in 3 dimensional space is that .... All of these operations map very efficiently into floating point vector ...  
[www.usairpower.net/OSR-0600.html](http://www.usairpower.net/OSR-0600.html) - 47k - Cached - Similar pages

[vector\\_processor Content at ZDNet UK](#)

... where people like Cray and others would like to do vector floating-point units. ... News The cores work with additional vector processing units and 'fixed' ... of physical memory, breaking through a limitation of 32-bit chips. ...  
[www.zdnet.co.uk/tsearch/vector+processor.htm](http://www.zdnet.co.uk/tsearch/vector+processor.htm) - 94k - Cached - Similar pages

[\(PS\) Fast Floating-Point Processing in Common Lisp](#)

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In general, mathematical modeling of complex physical phenomena includes a ... Fast Floating-Point Processing in Common Lisp. 3. the Fortran code. .... some other vector processors, near-peak performance can be obtained. ....

[www.cs.berkeley.edu/~fatemian/papers/lispfloat.ps](http://www.cs.berkeley.edu/~fatemian/papers/lispfloat.ps) - Similar pages  
by RJ FATEMAN - Cited by 9 - Related articles - All 21 versions

[\[PDF\] A 150MHz Superscalar RISC Processor with Pseudo Vector Processing ...](#)

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-Slide-Windowed Floating-Point Registers. -Preload Instruction. -Poststore Instruction.

HITACHI -4 ... Physical. Register global registers. Logical Register. 8 or 12 or 16 .... Loop Performance of Pseudo Vector Processing Feature ...  
[www.hotchips.org/archives/hc7/3\\_Tue/HC7\\_S6/HC7.6.4.pdf](http://www.hotchips.org/archives/hc7/3_Tue/HC7_S6/HC7.6.4.pdf) - Similar pages

[Vector Processing - X-RAY #33 - Science - Geek - Features - Atomic MPC](#)

Vector processing is frequently dismissed as a feature of decades old ... The simplest physical interpretation of a vector in 3D space is that it is ... Put simply, a matrix is a two-dimensional array of usually floating point numbers. ...

[www.atomicmpc.com.au/Feature/19036,vector-processing---x-ray-33.aspx](http://www.atomicmpc.com.au/Feature/19036,vector-processing---x-ray-33.aspx) - 52k

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